



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Post Office Box 1450
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Dated: 17 March, 2005

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Serial No. : 09/655,229
Applicant : Chung Nan Chang
Filed : September 5, 2000
Title : SECURE CRYPTOGRAPHIC KEY EX-
CHANGE AND VERIFIABLE DIGITAL
SIGNATURE
TC/A.U. : 2131
Examiner : Shin-Hon Chen
Docket No. : 2174
Customer No.: 23320

Confirmation No. 7777

MAIL STOP AF
Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Sir:

This communication responds to an Office Action dated January 18, 2005, Paper No. ___ for the patent application identified above.



03-18-05

AF / 1Pw

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Sir:

Transmitted herewith is a full and complete response to an Office Action dated January 18, 2005, Paper No. ____.

Small entity status under 37 C.F.R. §§ 1.9 and 1.27 has been established for this application by a previously submitted verified statement.

It appears that this response to the Office Action dated January 18, 2005, Paper No. ___, is being timely filed. However, if this response is deemed not to be timely filed, then pursuant to the relevant provision of 37 C.F.R. § 1.136, the Applicant hereby conditionally petitions for an extension of time sufficient to make the response timely.

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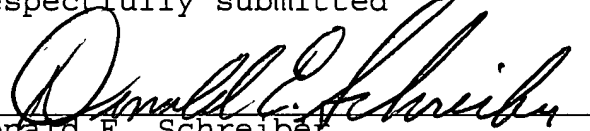
Appl. No. 09/655,229

Response Dated March 17, 2005

Reply to Office Action dated January 18, 2005, Paper No. ____

If any additional fee is due, the Commissioner for Patents is hereby authorized to charge any deficiency or credit any surplus in the enclosed fee to Deposit Account No. 19-0735. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted


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Dated: 17 March, 2005

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Introductory Remarks

For reasons explained in greater detail below, the Applicant respectfully submits that the cited reference fails to anticipate any of the claims pending in this patent application under 35 U.S.C. § 102(b). Specifically, the Applicant finds that the "public source 813" disclosed in the cited reference receives, either expressly or implicitly:

1. only ourPub from a sender; and
2. only theirPub from a receiver.¹

While Applicant acknowledges that the cited reference discloses that the "public source 813" stores other data in addition to ourPub and theirPub; e.g. d_k , x_1 , y_1 , the field F_{p^k} , x_1/Z , and "a;" Applicant is unable to find any disclosure in the cited reference, either express or implied, regarding what entity stores such data there.

Because the texts of claims pending in the present application all expressly require that the sender or receiver store a plurality of public quantities into a publicly accessible repository, if the rejection of claims based upon the cited reference is not withdrawn responsive to this communication, Applicant insists that the maintenance of the claim rejection specifically identify by column

¹ See the Crandall patent in column 8 at lines 1-23.

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and line number or by elements appearing in a FIG. where the cited reference discloses, either expressly or implicitly, that:

1. the sender stores data in addition to ourPub in the "public source 813;" and/or
2. the receiver stores data in addition to theirPub in the "public source 813."

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AMENDMENTS

There are no **Amendments** to the **Specification**.

There are no **Amendments** to the **Claims**.

There are no **Amendments** to the **Drawings**.

Remarks/Arguments begin on page 5 of this Response.